

Aquaguard®
TOTAL WATER PURIFICATION SOLUTIONS

— *verve* —

3-in-1 Water Purification System

With

e-boiling +™

Every drop is as pure, as safe
as water boiled for 20 minutes. Plus more.



EUREKA FORBES 
Your friend for life



— *verve* —

Congratulations! Now that you've installed your Aquaguard Verve, you have taken an important step towards safeguarding your family's health.

Aquaguard Verve is a complete water purification system which has an Electronic Circuit that detects the current drawn by the UV lamp. It will allow the water to flow only if the UV lamp is on. If the lamp fails to glow due to whatever reason, the water flow will stop thereby, ensuring pure water or no water. And what's more, it comes with the Eureka Forbes guarantee of prompt after sales service at your doorstep.

We hope this booklet helps you understand your Aquaguard Verve better.

Wishing you and your family a healthier and happier life.

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Why Aquaguard Verve Is A Superior Water Purification System

- ◆ Aquaguard Verve has a 3- stage purification process which destroys all known bacteria and viruses.
- ◆ Unlike boiling, it avoids recontamination of water by purifying it just before you drink it.
- ◆ It purifies water without using any chemicals.
- ◆ It purifies water without adding anything to it whilst retaining important natural salts and minerals in the water.
- ◆ It is time saving, convenient to install and easy to operate.
- ◆ It offers superior filtration with a special 9" long, meltblown polypropylene fibre candle wound sediment filter
- ◆ It has an Electronic Circuit that detects the current drawn by the UV lamp which will allow the water to flow only if the UV lamp is on. If the lamp fails to glow due to whatever reason the water flow will stop thereby, ensuring pure water or no water.
- ◆ User-friendly indicators facilitate easy operation of the unit.

Aquaguard Verve - The Complete Water Purifier

Aquaguard Verve is the most advanced water purification system using the principle of ultraviolet radiation disinfection. Before we go on, take a look at the picture on page 4. As you can see the Aquaguard Verve has the following Components:

- a. The Sediment Filter
- b. Activated Carbon Chamber
- c. The Ultraviolet Disinfection. Aquaguard Verve works simply, but effectively, in the following stages.

STAGE 1

THE SEDIMENT FILTER

The water first passes through the sediment filter which incorporates a specially developed 9" long meltblown polypropylene fibre candle, which strains out physical impurities present in the water, such as dust, dirt and mud.

STAGE 2

SILVER IMPREGNATED ACTIVATED GRANULE ACTIVATED CARBON

In this stage, the water passes through specially treated, silver impregnated activated carbon which reduces colour, odour, organic impurities, and free gases like chlorine.

STAGE 3

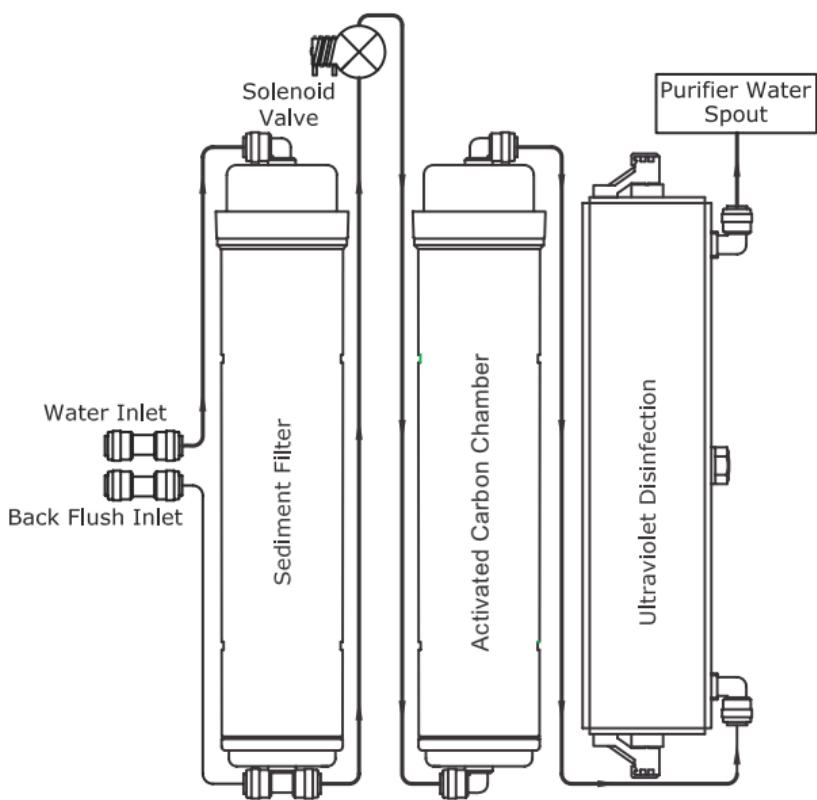
UV DISINFECTION CHAMBER

The next stage is where the water is subjected to the ultraviolet radiation which has been documented as a proven method for eliminating water borne disease - causing bacteria viruses. In fact, Aquaguard Verve's ultraviolet germicidal dosage, even at its lowest, is 1.2 times of that required to destroy all known water borne disease - causing organisms.

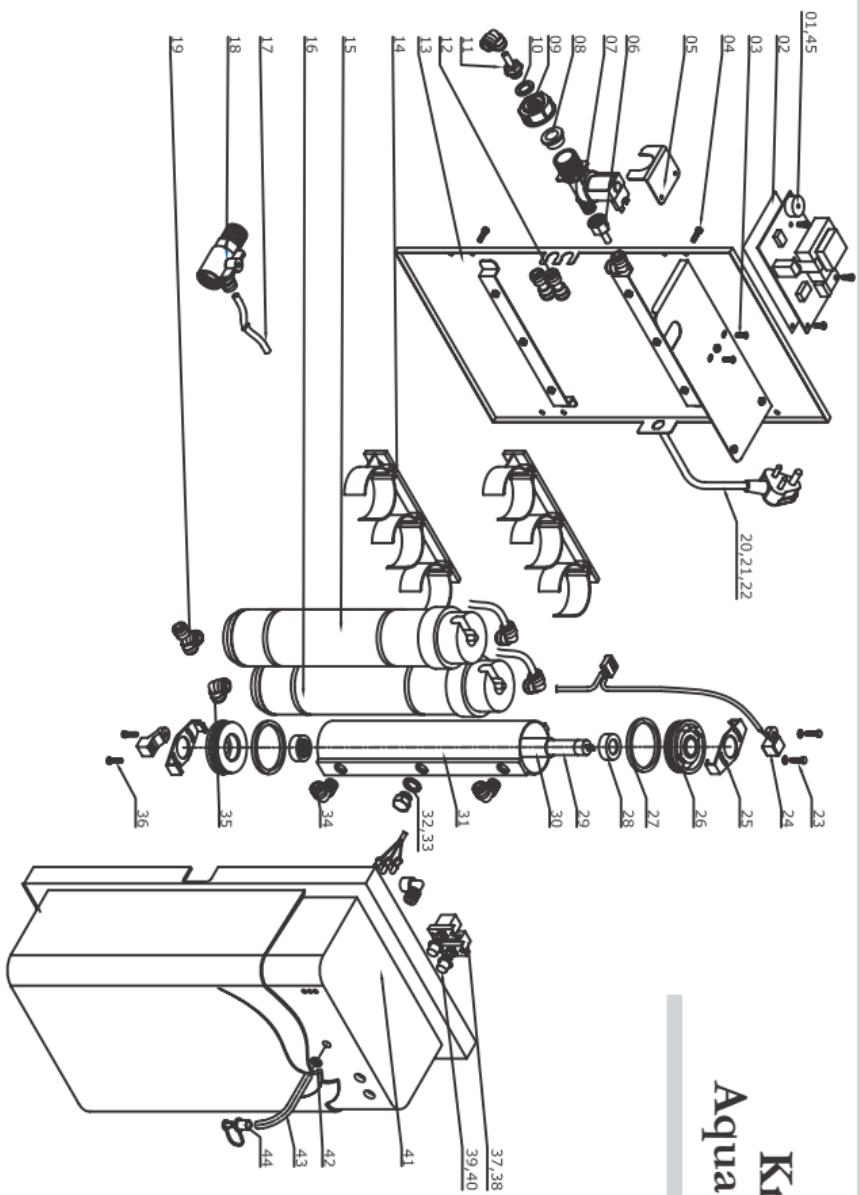
While the water is completely purified after the above 3 stages, Aquaguard Verve has one more benefit. A unique Electronic Circuit that detects the current drawn by the UV lamp which will allow the water to flow only if the UV lamp is on. If the lamp fails to glow due to whatever reason, the water flow will stop. Thereby ensuring pure water or no water.

Aquaguard Verve

(Water Flow Diagram)



Note: This is a schematic representation / drawing of the actual product to give visual indication of working. This is not the actual engineering drawing of the product.



Know your
Aquaguard Verve

Different Ways To Install Your Aquaguard Verve

The ideal place for your Aquaguard Verve is above the kitchen sink, or a convenient location near the source of tap water.

Your Aquaguard Verve can be fitted on the wall through key slots provided at the back.

INSTALLATION

Your Aquaguard Verve will be installed free of cost by our experienced Service Representatives.

You will require a standard 220/230 V supply and a 5 amp. point. This should be a three pin type and properly earthed.

You can either have :

- ◆ Standard Installation
- ◆ Pre-Cooler Installation
- ◆ Hot and Cold Installation
- ◆ Standard Installation with a Pressure Pump (for low water pressure areas)
- ◆ Standard Installation with a Pressure Reducing Valve (for high water pressure areas)

All installations other than Standard will be at an additional cost.

A Step-By-Step Guide To Using Your Aquaguard Verve

- 1) Red LED (solid) indicates that POWER is on.
- 2) Yellow LED (solid) indicates that the unit is in PROCESS.
- 3) Green LED (solid) indicates that the unit is READY.
- 4) After ready indication, the single beep buzzer comes on.
- 5) Lamp Current Sensing (LCS) detects the Ultra Violet Lamp connectivity.
- 6) Failure of the lamp is detected by audio and visual indication (Blinking of the Yellow LED and continuous Buzzer beeps).

Answers To Your Questions On Aquaguard Verve

◆ Can one store water from Aquaguard Verve or use it directly?

Ideally, you should use water directly from the Aquaguard Verve. However, if you need to store the water, make sure you rinse the bottles or containers first with water, from Aquaguard Verve and not with tap water. Even while drawing water, remember to rinse the tumbler with water from Aquaguard Verve.

◆ How long and where should one store the water?

Water from Aquaguard Verve should be stored in a cool, clean place, preferably in steel or glass containers. Avoid matkas or filters as they tend to breed bacteria. Cover the container with a clean lid and ensure that the storage vessels are rinsed with water from Aquaguard Verve.

For hygienic reasons, it's preferable to change the stored water at least after 2 days, especially during summers and monsoons.

◆ Does drinking water from Aquaguard Verve make you lose your natural immunity?

Aquaguard Verve gives you clear, safe drinking water thus reducing the risk of exposure to water borne diseases. It does not affect your body's natural immunity in any way.

◆ Is UV (ultraviolet) light dangerous and is drinking UV treated water harmful ?

Direct exposure to strong doses of UV light at a close range is dangerous. However, in Aquaguard Verve the ultraviolet chamber is completely enclosed and no UV light is allowed to escape.

Also, UV light has no residual effect in water and hence it is totally safe.

◆ Does Aquaguard Verve work even if the voltage fluctuates?

Aquaguard Verve has reliable electronics and it works under a wide input Voltage range. If, however, the voltage goes below a pre determined level, the red LED will blink with beep sounds. The water flow will shut off.

◆ Do you need to boil or filter water from the Aquaguard Verve?

Of course not. Aquaguard Verve is a complete purification system which gives you clear, safe water. Just fill your glass and drink !

Golden Rules On Maintaining Your Aquaguard Verve

The maintenance required for your Aquaguard Verve is minimal. Should there be any problems, the unit is designed to switch off automatically, ensuring that you always get clear, safe water. With proper care, you can ensure that your Aquaguard Verve performs effectively.

Here are some important rules to follow.

1. The key word is cleanliness :

Dirt and cockroaches have a way of creeping into any appliance. Keep the area around your Aquaguard Verve clean and dry. Wipe the Aquaguard Verve with a soft cloth once in a while. Keep the spout clean and closed with the cap provided.

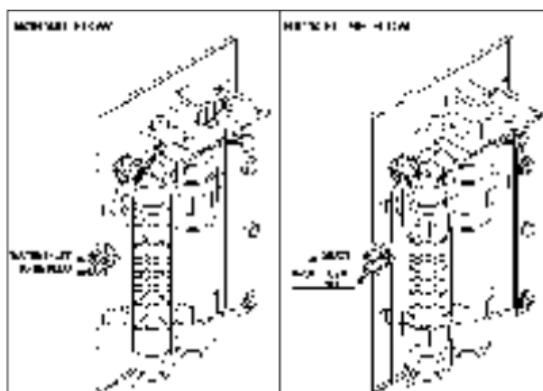
2. Keep your Sediment filter clean :

Regular backflushing of the sediment filter will increase the life of the candle. Backflush your candle every fifteen days. However, the frequency of backflushing will depend on : a. The quality of the water in terms of physical impurities. b. The quantity of input water passed through the unit.

How to backflush the sediment filter

1. Disconnect the installation tubes from the inlet and outlet sides of the sediment filter (as marked).
2. Connect the tube from the tap to the outlet nozzle.
3. Leave the other nozzle of the sediment filter open.
4. Turn the tap on to maximum pressure.
5. Let the water flow into the sink for about 10 minutes.
6. Reconnect the inlet and outlet nozzle as before.
7. Do not by mistake interchange the inlet and outlet of the sediment filter as this may clog the candle.
8. You are now ready to use the Aquaguard Verve once again.

Aquaguard Verve has specially designed nozzles that are easy to remove thus making your task of backflushing simple.



3. Activated Carbon:

To ensure that your Activated Carbon works effectively, insist on having it thoroughly cleaned by our serviceman at every routine service

Also do remember to have your Activated Carbon replaced at least once every 6 months by our serviceman, during routine service.

As earlier explained, Aquaguard Verve is designed to switch off automatically in case the purification is inadequate.

In case the water does not flow when you switch on the Aquaguard Verve and the red LED blinks, call our service department.

But before you do so, check for any disruption in the water supply or mains electricity supply to the Aquaguard Verve. If both are functioning normally, check the fuse.

Checklist Of Dos And Don'ts

1. Be careful not to spill water on the panel of your Aquaguard Verve, as this may lead to electric shock.
2. When the unit is not in use, please keep the cover cap screwed on to the outlet spout.
3. Switch off the main switch when unit will not be used for more than 3-4 hours.
4. If your Aquaguard Verve has not been used for a long time, after switching on the unit, allow 2 to 3 glasses of water to flow out before collecting the water for use.
5. We recommend servicing of Aquaguard Verve at least once in six months.
6. Avoid connecting any pipes to the outlet spout to collect water from your Aquaguard Verve. You will recontaminate the water purified by the Aquaguard Verve.
7. Store water from your Aquaguard Verve in containers cleaned with water from Aquaguard Verve. For hygienic reasons it's preferable not to store water for more than 2 days.
8. Avoid storing water from your Aquaguard Verve in matkas and candle filters.

After Sales - At Your Service

The Company offers you a ONE YEAR WARRANTY for your AQUAGUARD VERVE.

After the one year warranty you have the option of entering into a Maintenance Service Contract with us.

The Service Contract entitles you to some attractive benefits :

- ◆ 2 Free maintenance services every year.
- ◆ All functional components except consumables are covered under warranty.
- ◆ Prompt attendance to your servicing needs (over and above the routine services).
- ◆ A vast network of service centres manned by experienced service representatives.
- ◆ Do remember to ask for your copy of the Service Contract Form before the Warranty period gets over.

TECHNICAL SPECIFICATIONS*

Input rated voltage	230 V AC, Single Phase, 50 Hz
Operating voltage range	160 V to 270 V AC
Input Power rating	20 watts
UV lamp wattage	8 watts
Dimensions	300 x 130 x 450 (mm) (W x D x H)
Weight of the product	5.1 Kg
Water Flow Rate**	1 litre /min
Input Water Pressure	0.4 kg/sq.cm (min.) 2.0 kg/sq.cm (max.)

*Specifications are subject to change without Prior notice

**Depends on the input water pressure & condition of filters

NOTE : In case the water pressure in your area is lower than the minimum specified, we recommend the use of a pump. If the pressure is higher than the maximum specified, use of the pressure reducing valve is recommended. Both the above accessories are available with our company at an additional cost. In the event of high/fine turbidity in source water an external pre-filter is recommended for better results.

Warranty

Warranty - Terms and Conditions

The goods are warranted against defects arising from faulty designs, workmanship and materials for a period of 12 months from the date of installation or 15 months from the date of sale whichever is earlier, subject to the following conditions.

1. The customer will notify the Company in writing promptly of any defects noticed and give the Company or its authorised agent adequate opportunity to inspect, test and remedy them for which the Customer will deposit the goods if so required by the Company, with the Company's Office/Service Centre along with original invoice, in the city where they are sold.
2. Inspection and Test Report of the Company's Office/Service Centre will be final and binding under the Warranty for determining defects, repairs/alterations required or carried out or certifying working of the goods thereafter.
3. Aquaguard may require initial setting post-installation, depending on varying water conditions and power supply. In case of any service requirement post installation, please contact the Company's Service Centre.
4. The Company or its authorised agent will be entitled to retain any defective part replaced under the warranty.
5. Notwithstanding anything to the contrary contained or implied by this Warranty:
 - a) The Company's liability under this Warranty shall be limited to the first sale of the goods by the Company to the Customer and will not apply or extend to any secondary sale of goods by the Customer.
 - b) The Company's liability under this Warranty shall be limited only to defects in the goods which occur under the conditions of normal operation of the goods and their proper and prescribed use. The Warranty does not cover or extend to defects which are determined by the Company or its

authorised agents as occurring or resulting from or attributable to negligence, abuse, misuse, faulty care, operation or maintenance or repairs, alterations to the goods or any part thereof by others of the use of the goods on electrical supply for which they are not designed or damage caused by lightning or other electrical disturbances or interruptions.

- c) The Company's liability under this Warranty shall remain valid only if the goods are duly installed by the Company or its authorised agent at the location specified in the Invoice such installation is undertaken by the Company or its authorised agent or franchisee.
- d) Consumable items like Sediment Cartridge and Activated Carbon which are subject to normal wear and tear are not covered by this Warranty.
- e) The Customer will have no claim against the Company, its employees and its authorised agents or franchisees under or pursuant to this Warranty in respect of death or injury to the Customer or any other person or loss or damage to any property caused by or due to equipment failure, breakdown or accident, fire or operation or utilisation of the goods otherwise than in accordance with the User Guide or by or due to any other cause or circumstance beyond the control of the Company.
- f) The Company's liability under this Warranty shall in no event and under no circumstances exceed the price paid by the Customer to the Company for the goods stated in the Invoice.

General

For the purpose of this Warranty the following expressions shall have the following meanings respectively.

1. 'The goods' shall mean the goods described in the Order Form.
2. 'The Customer' shall mean the original purchaser of the Goods from the Company.
3. 'The Company' shall mean 'EUREKA FORBES LIMITED'.
4. General Terms and Conditions shall mean the terms and conditions agreed upon by the Customer and the Company printed on the Order Form.

5. 'Invoice' shall mean the invoice issued by the Company to the Customer describing the goods and indicating, inter alia the total purchase price thereof and name of the Customer.
6. 'User Guide' shall mean the instructions for installation, use and maintenance contained in the leaflet supplied by the Company.

Post Warranty

1. The Customer may be offered a yearly Service Contract in the prevailing Company rates and terms.
2. In case the Customer does not wish to enter the Service Contract, he has the option of calling our Service Centre and having his Aquaguard Verve/ i-Nova / Classic / Hi-Flo/Booster / Compact serviced on an actual basis i.e. by paying for labour cost and Spares needed to attend to that Service / Complaint call at the prevailing Company rates. Such service will be rendered by the Company in towns / places where the Company has its Service Centres.
3. The Company will provide free servicing of the goods brought to its Service Centre by the Customer, provided that all expenses of transporting the goods to and from the Service Centre shall be borne by the Customer directly.
4. If during such servicing it is necessary for the Company to replace or repair defective components or parts, the Customer shall be required to pay for the same as per the Company's prevailing price-list.



Available exclusively through the trained Direct Sales Specialist of Eureka Forbes. To know more, call 3988 3333 or SMS 'AG' to 56006 for a personal demonstration or visit us at www.eurekaforbes.com or write to us at aquaguard@eurekaforbes.com

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